

Excellent Integrated System Limited

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[Pulse Electronics Corporation](#)
[B4001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Common Mode Chokes For ADSL and VDSL



- RoHS peak reflow solder temperature rating 245°C
- RoHS peak wave solder temperature rating 260°C
- For use in XDSL interfaces
- Effective reduction of C.M. noise caused by AM broadcast or ham radio
- Isolation 1500V line to line

Electrical Specifications @ 25°C - Operating Temperature -40°C to +85°C

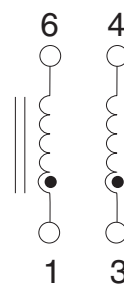
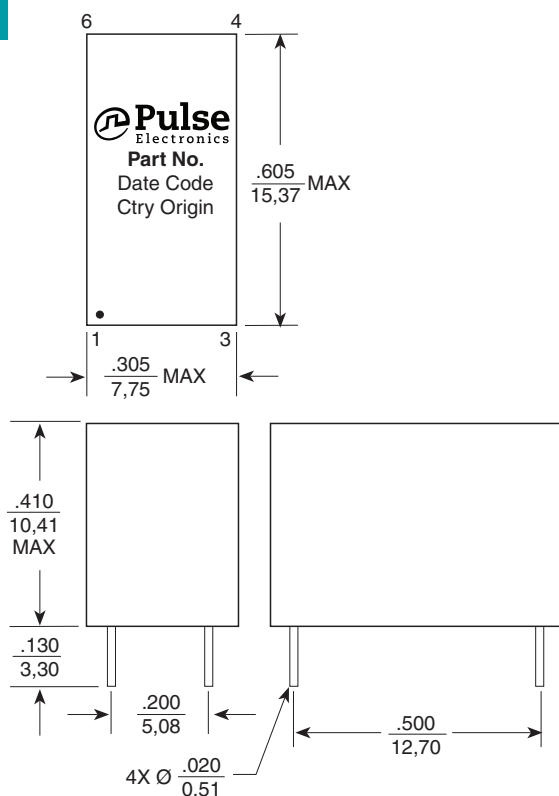
RoHS Compliant Part No.	C.M. Attenuation (dB TYP)			Isolation Voltage (Vrms)	Mounting
	@ 500kHz	@ 1kHz	@ 10kHz		
B4001NL	45	49	35	1500	THT
B4003NL	45	49	35	1500	SMT
BX4053NL	45	49	35	150	SM

Notes: Surge Voltage Capability - Metallic: 800Vpeak 10/560sec. Long.: 2400Vpeak 10/700sec. BX4053NL is a dual choke. Please add the suffix "T" for Tape & Reel orders (i.e. B4003NL becomes B4003NLT).

Mechanical

Schematic

B4001NL



Weight2.2grams

Tube60/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

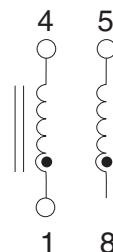
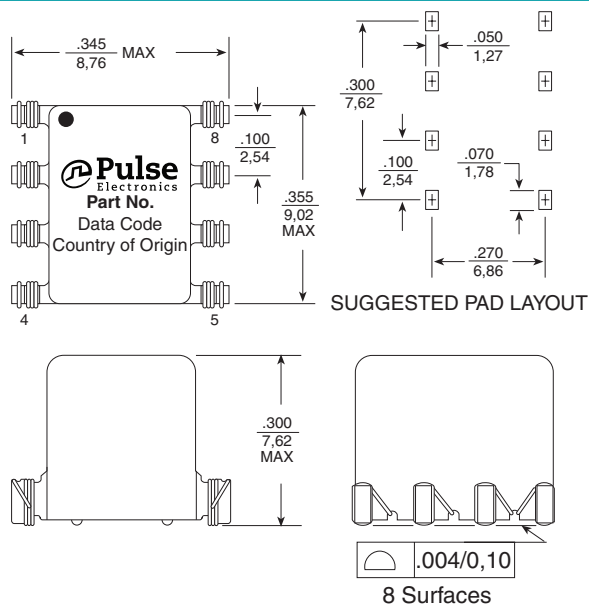
Taiwan 886 3 4356768

Common Mode Chokes For ADSL and VDSL

Mechanicals (continued)

Schematics

B4003NL

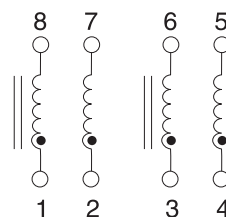
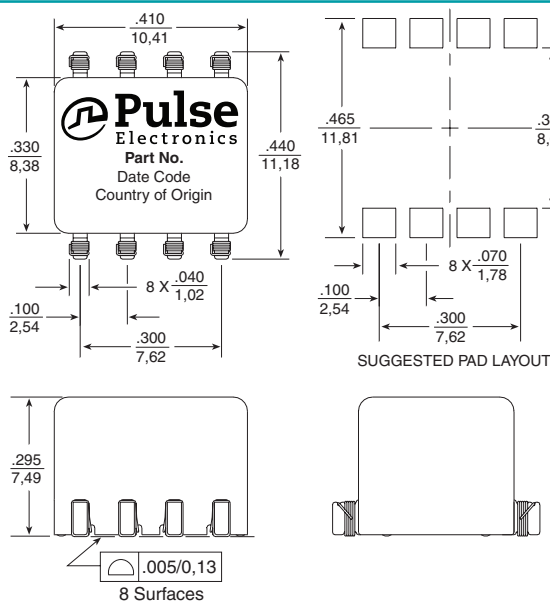


Weight1.0grams
Tape & Reel425/reel
Tube50/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

BX4053NL



Weight2.1grams
Tape & Reel400/reel
Tube50/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

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